

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131407.D
 Acq On : 25 Nov 2022 21:22
 Operator : CG\JU
 Sample : N5747-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 00:12:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

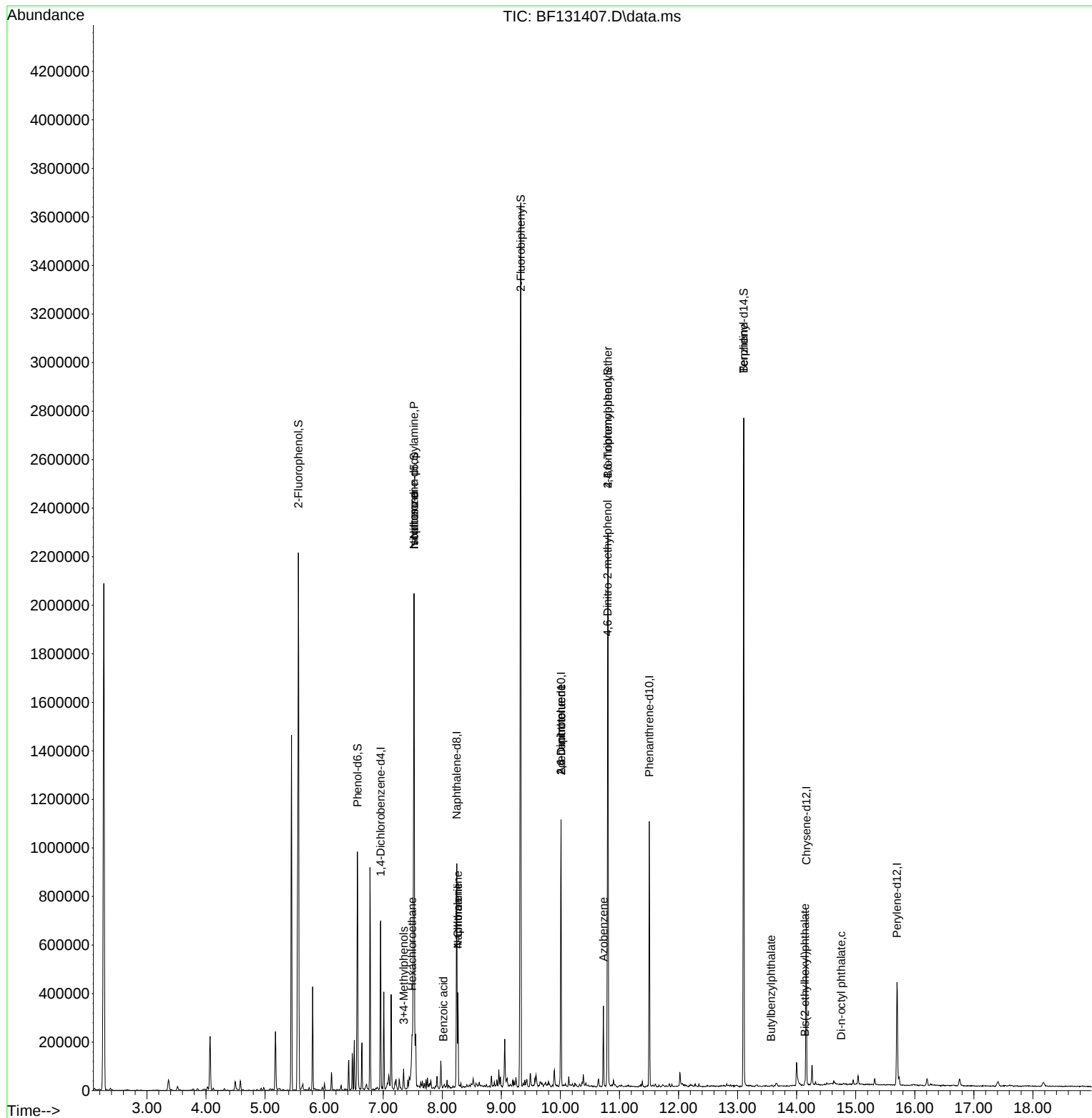
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	103083	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	379971	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	212433	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	372318	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	237151	20.000	ng	-0.01
86) Perylene-d12	15.698	264	206316	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	346503	63.975	ng	0.00
7) Phenol-d6	6.563	99	291272	42.149	ng	-0.02
23) Nitrobenzene-d5	7.522	82	625126	82.932	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	262276	146.751	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1128330	77.272	ng	0.00
79) Terphenyl-d14	13.104	244	948228	65.385	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	7274	Below Cal	#	1
18) Hexachloroethane	7.487	117	5450	2.050	ng	# 1
19) n-Nitroso-di-n-propyla...	7.522	70	93729	18.528	ng	# 77
20) 3+4-Methylphenols	7.345	107	14575	2.183	ng	# 78
25) Isophorone	7.522	82	621547	46.218	ng	# 68
31) Naphthalene	8.263	128	147502	7.285	ng	# 99
32) Benzoic acid	8.016	122	1478	5.663	ng	# 18
33) 4-Chloroaniline	8.263	127	19793	2.478	ng	# 32
51) 2,6-Dinitrotoluene	10.010	165	28012	9.464	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	28012	7.521	ng	# 19
63) Azobenzene	10.728	77	49679	3.306	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.798	198	769	5.113	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	17002	3.726	ng	# 1
77) Benzidine	13.104	184	13178	3.008	ng	# 92
80) Butylbenzylphthalate	13.569	149	621	4.224	ng	# 34
84) Bis(2-ethylhexyl)phtha...	14.139	149	4162	4.160	ng	# 91
85) Di-n-octyl phthalate	14.757	149	613	3.954	ng	# 1

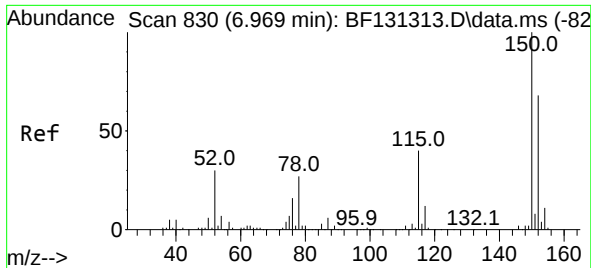
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
Data File : BF131407.D
Acq On : 25 Nov 2022 21:22
Operator : CG\JU
Sample : N5747-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

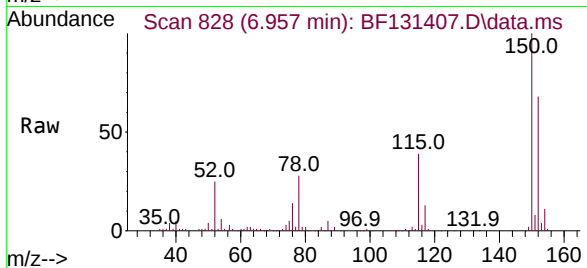
Quant Time: Nov 26 00:12:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 23:13:01 2022
Response via : Initial Calibration



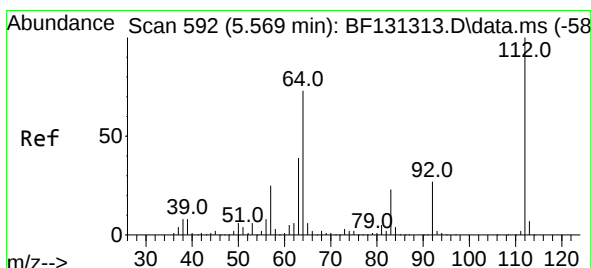
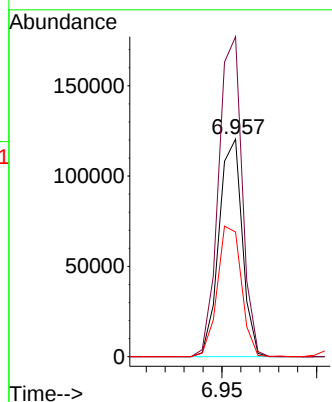
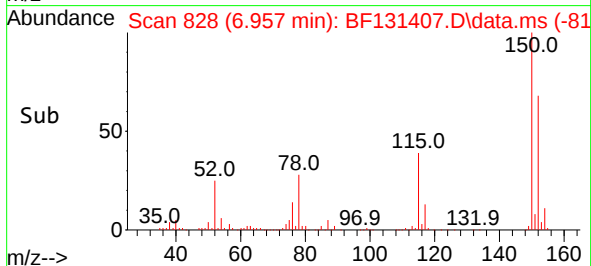


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131407.D
 Acq: 25 Nov 2022 21:22

Instrument :
 BNA_F
 ClientSampleId :

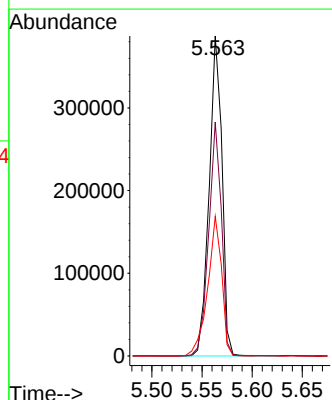
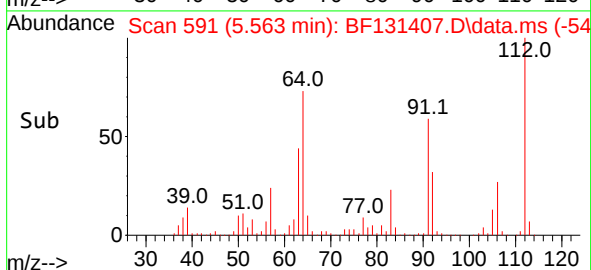
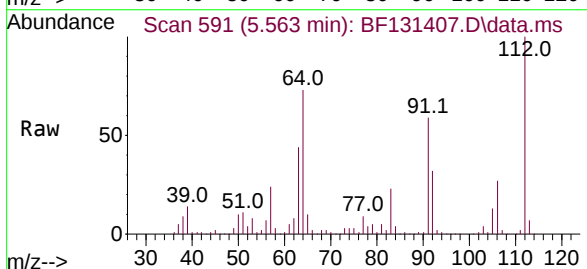


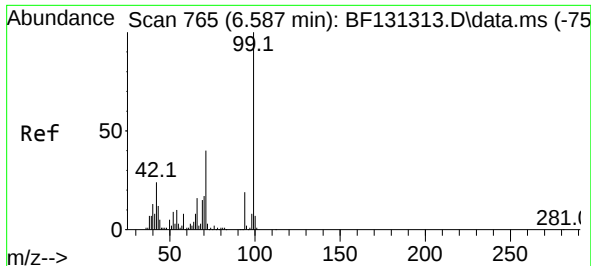
Tgt Ion:152 Resp: 103083
 Ion Ratio Lower Upper
 152 100
 150 147.0 117.8 176.8
 115 57.3 47.1 70.7



#5
 2-Fluorophenol
 Concen: 63.975 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.000 min
 Lab File: BF131407.D
 Acq: 25 Nov 2022 21:22

Tgt Ion:112 Resp: 346503
 Ion Ratio Lower Upper
 112 100
 64 73.1 58.6 88.0
 63 43.6 31.4 47.0





#7

Phenol-d6

Concen: 42.149 ng

RT: 6.563 min Scan# 7

Delta R.T. -0.017 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

Instrument :

BNA_F

ClientSampleId :

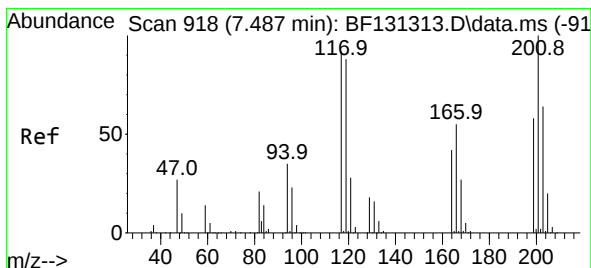
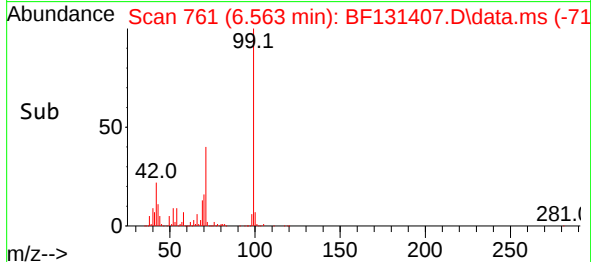
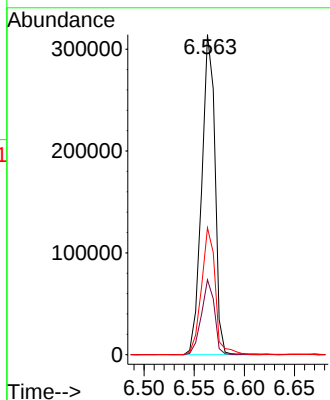
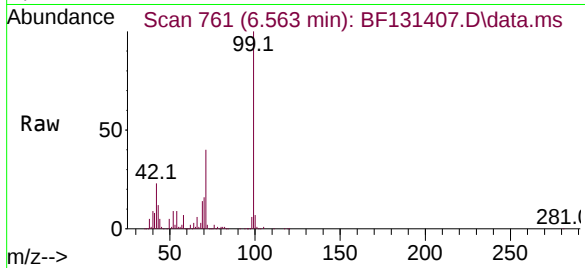
Tgt Ion: 99 Resp: 291272

Ion Ratio Lower Upper

99 100

42 23.4 19.4 29.2

71 39.7 32.3 48.5



#18

Hexachloroethane

Concen: 2.050 ng

RT: 7.487 min Scan# 918

Delta R.T. 0.012 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

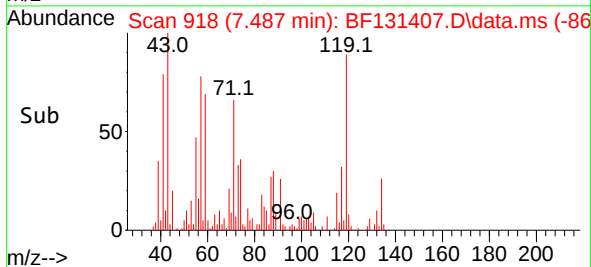
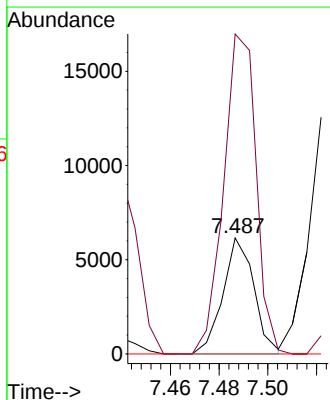
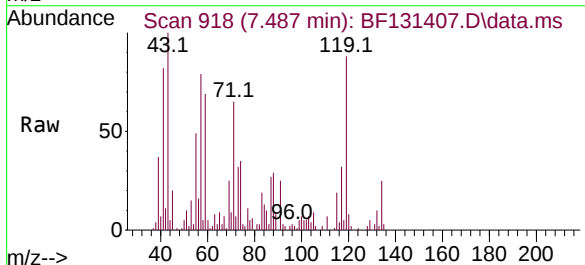
Tgt Ion:117 Resp: 5450

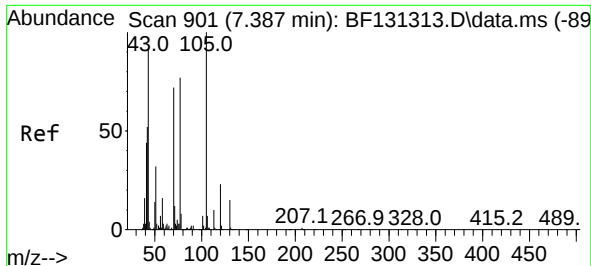
Ion Ratio Lower Upper

117 100

119 276.0 76.6 115.0#

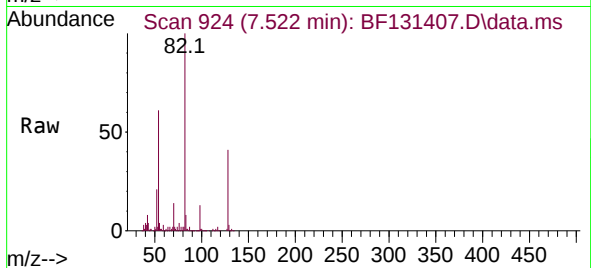
201 0.0 87.0 130.6#



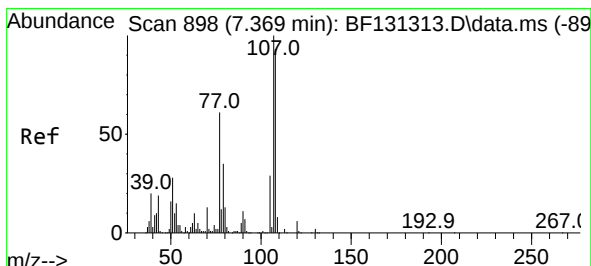
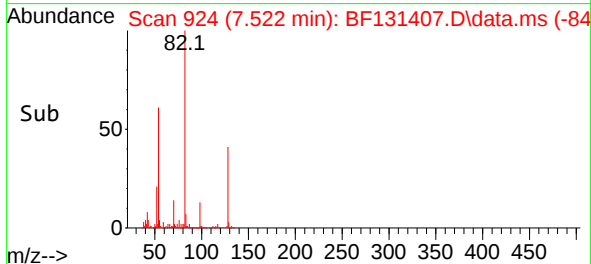
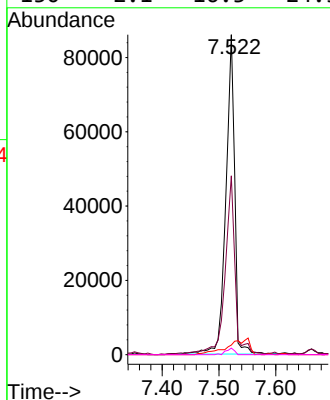


#19
n-Nitroso-di-n-propylamine
Concen: 18.528 ng
RT: 7.522 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Instrument :
BNA_F
ClientSampleId :

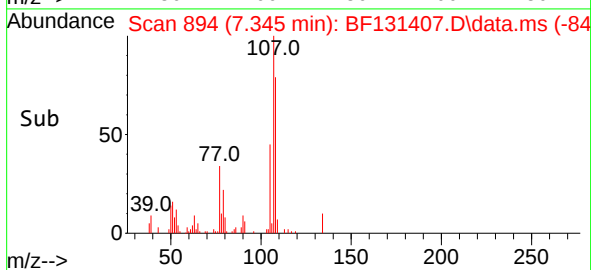
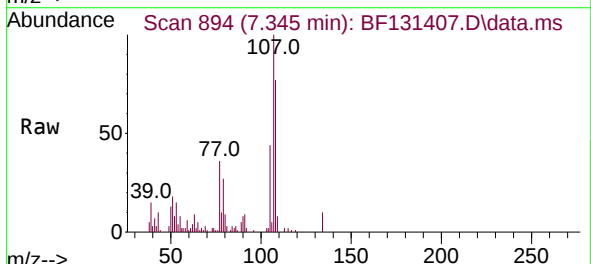
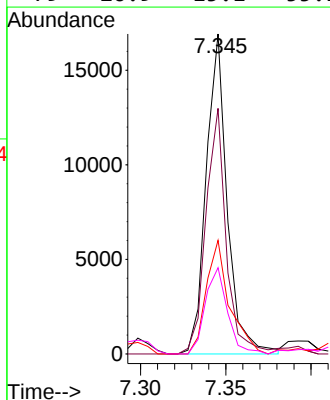


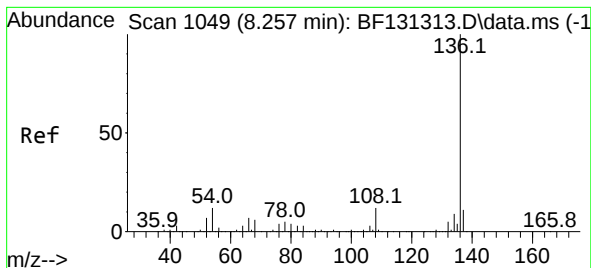
Tgt Ion: 70 Resp: 93729
Ion Ratio Lower Upper
70 100
42 55.9 57.6 86.4#
101 3.0 8.2 12.2#
130 2.1 16.3 24.5#



#20
3+4-Methylphenols
Concen: 2.183 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.017 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Tgt Ion: 107 Resp: 14575
Ion Ratio Lower Upper
107 100
108 76.8 72.6 112.6
77 35.5 41.4 81.4#
79 26.9 15.1 55.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1047

Delta R.T. -0.006 min

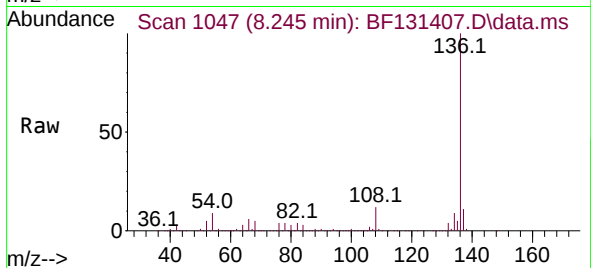
Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 379971

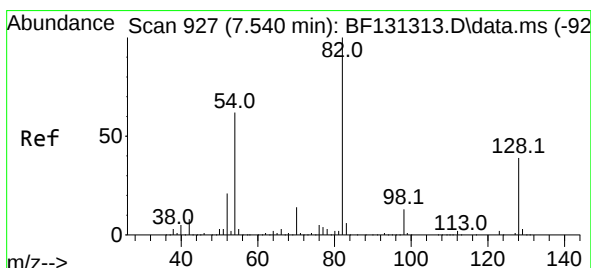
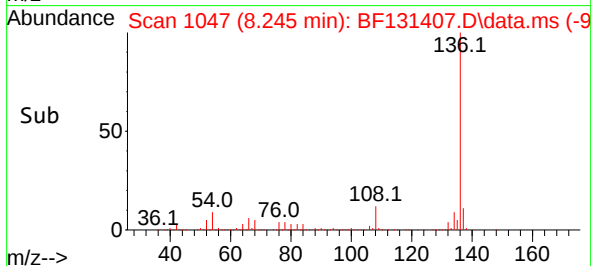
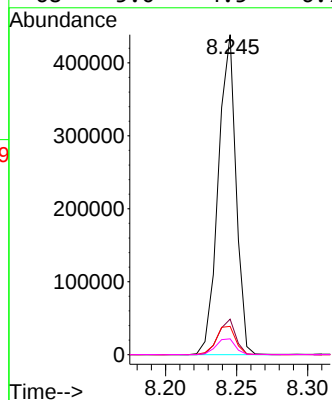
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.9 9.4 14.0

68 5.0 4.5 6.7



#23

Nitrobenzene-d5

Concen: 82.932 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.012 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

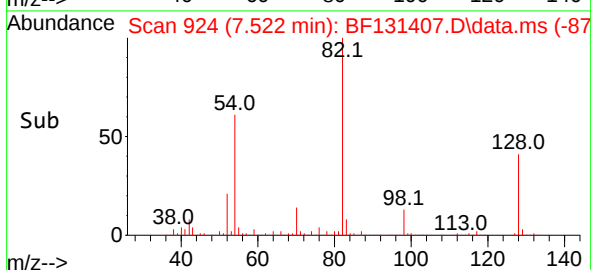
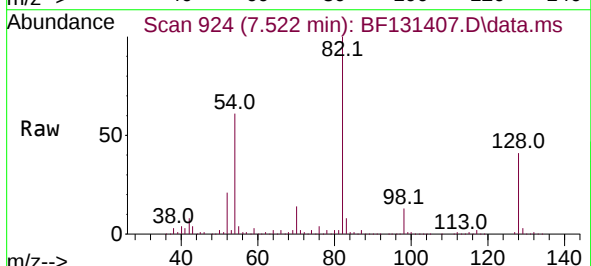
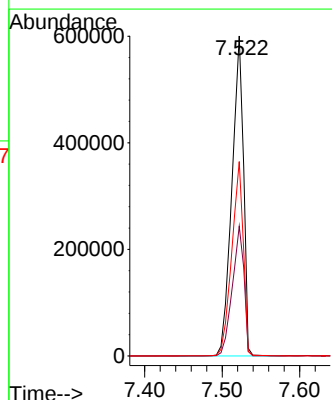
Tgt Ion: 82 Resp: 625126

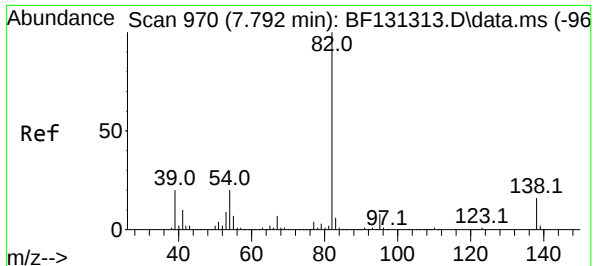
Ion Ratio Lower Upper

82 100

128 40.5 31.4 47.0

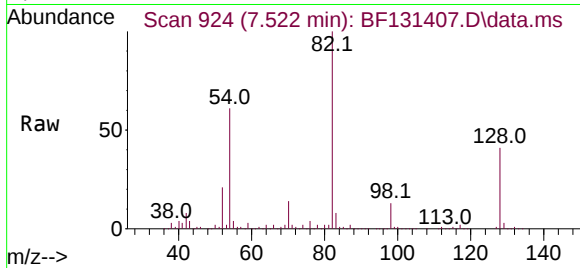
54 60.7 49.8 74.6



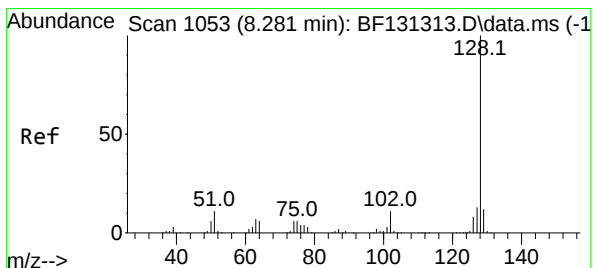
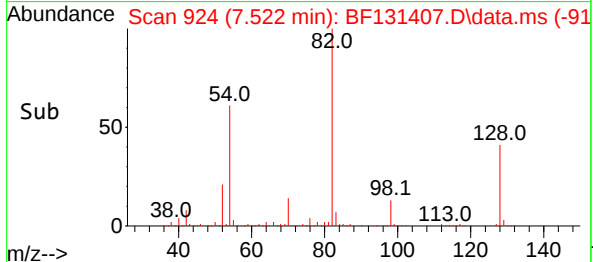
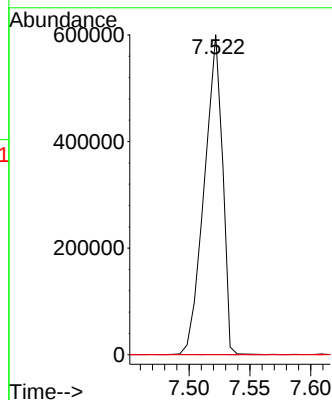


#25
Isophorone
Concen: 46.218 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Instrument :
BNA_F
ClientSampleId :

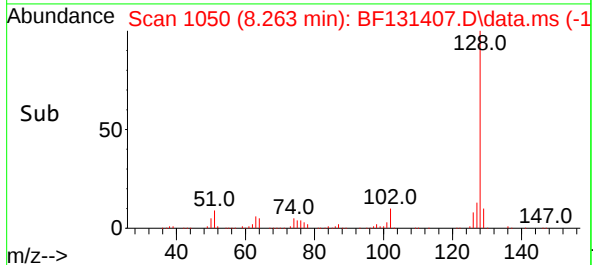
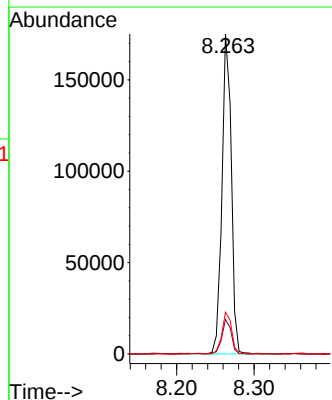
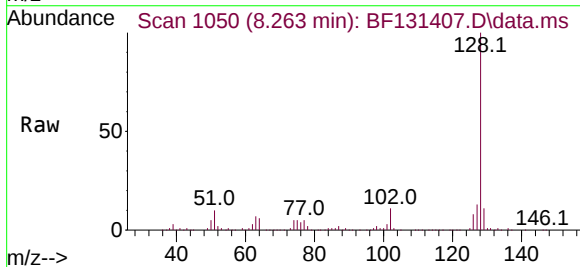


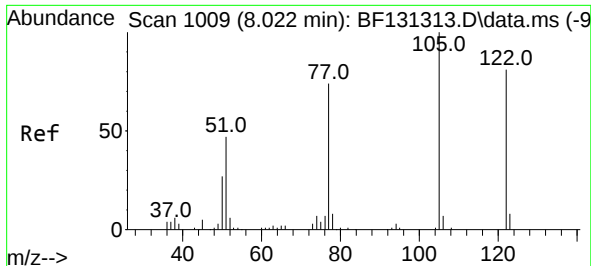
Tgt Ion: 82 Resp: 621547
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#31
Naphthalene
Concen: 7.285 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.012 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Tgt Ion: 128 Resp: 147502
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.0 10.6 16.0





#32

Benzoic acid

Concen: 5.663 ng

RT: 8.016 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

Instrument :

BNA_F

ClientSampleId :

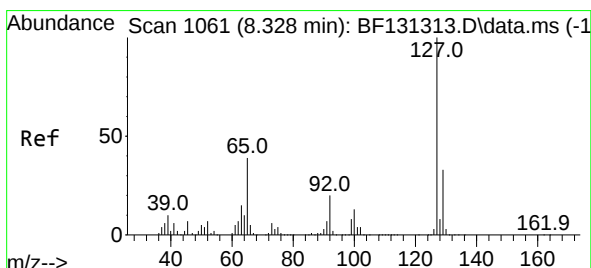
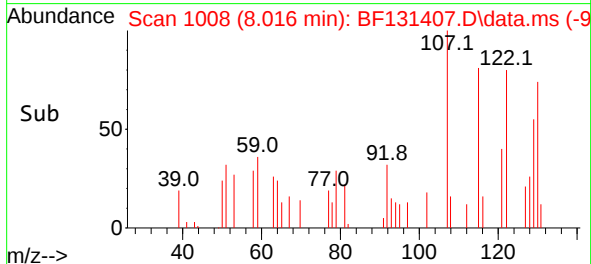
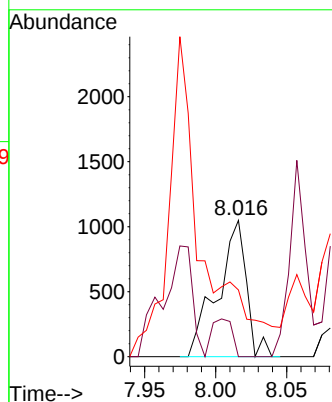
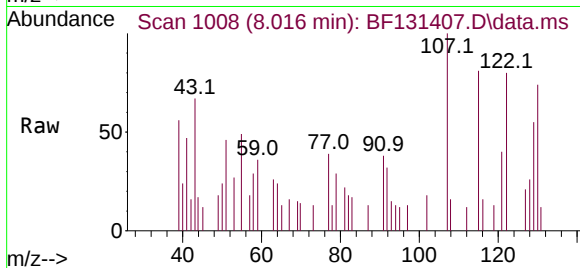
Tgt Ion:122 Resp: 1478

Ion Ratio Lower Upper

122 100

105 0.0 103.8 143.8#

77 48.9 74.3 114.3#



#33

4-Chloroaniline

Concen: 2.478 ng

RT: 8.263 min Scan# 1050

Delta R.T. -0.059 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

Tgt Ion:127 Resp: 19793

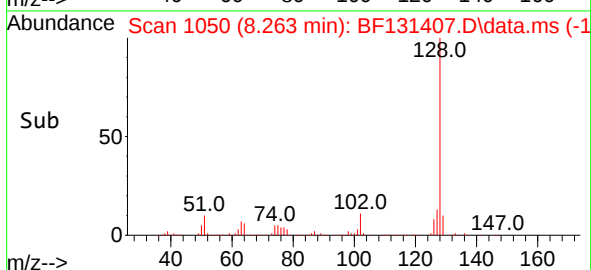
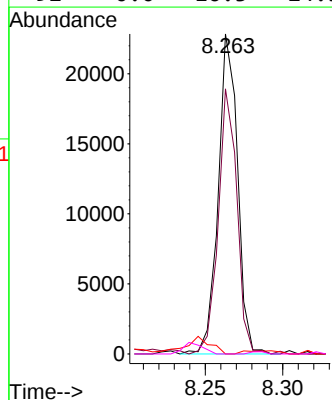
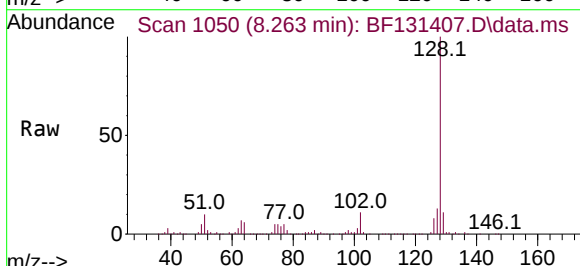
Ion Ratio Lower Upper

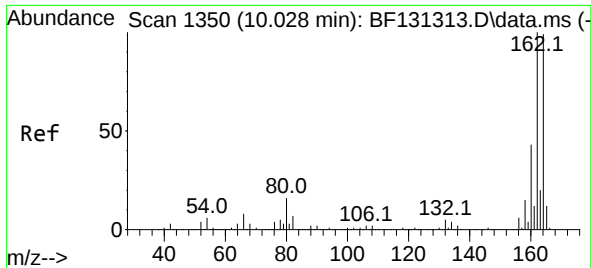
127 100

129 82.8 26.4 39.6#

65 0.0 31.0 46.6#

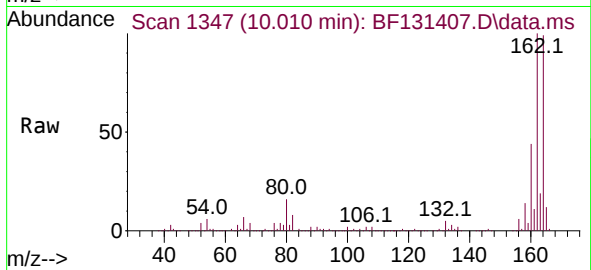
92 0.0 16.3 24.5#



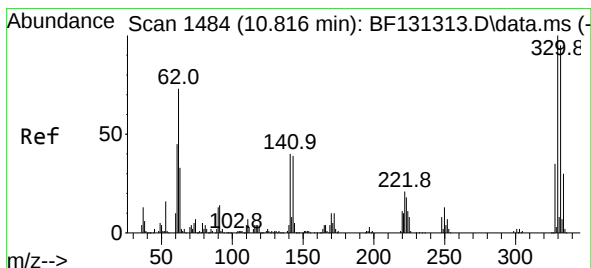
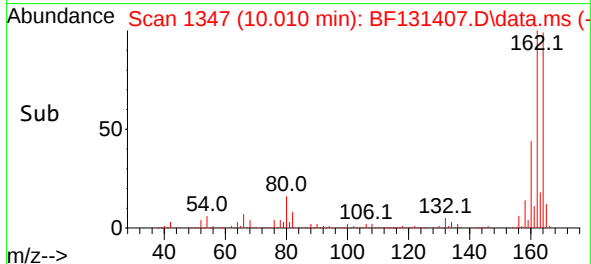
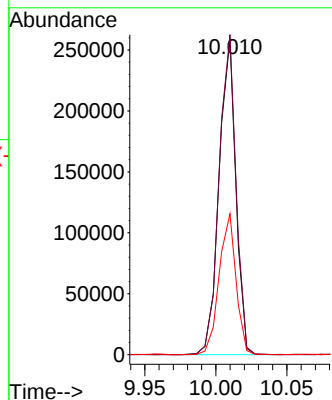


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Instrument :
BNA_F
ClientSampleId :

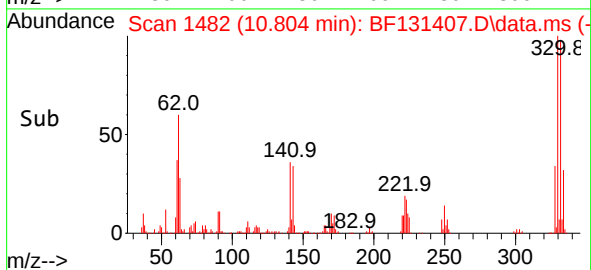
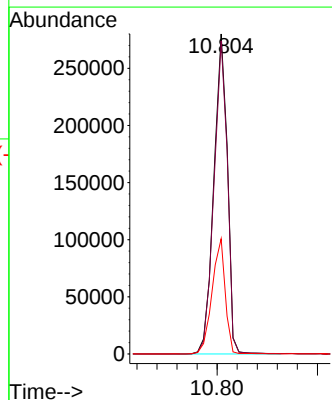
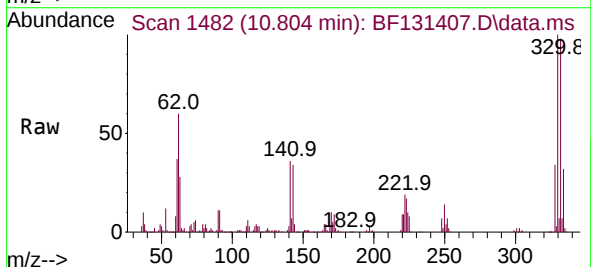


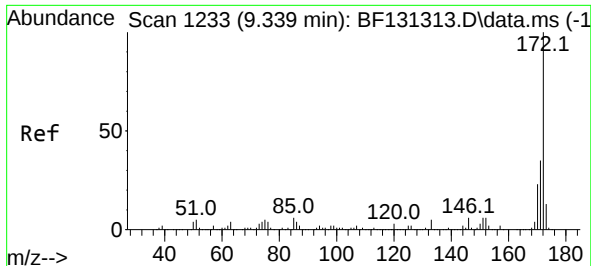
Tgt Ion:164 Resp: 212433
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.6 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 146.751 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Tgt Ion:330 Resp: 262276
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 35.2 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 77.272 ng

RT: 9.328 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

Instrument :

BNA_F

ClientSampleId :

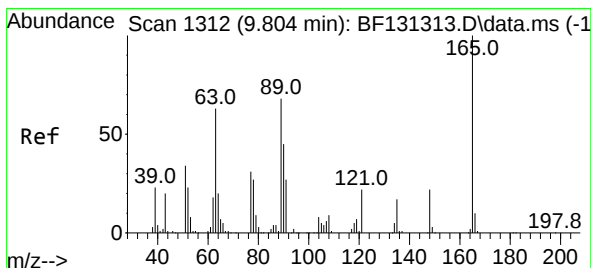
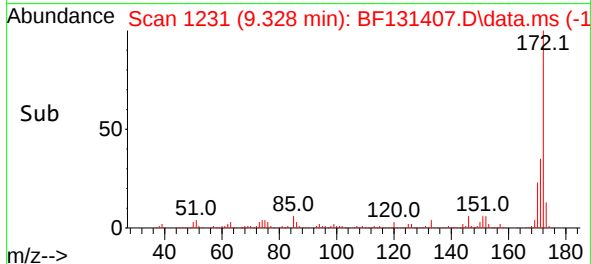
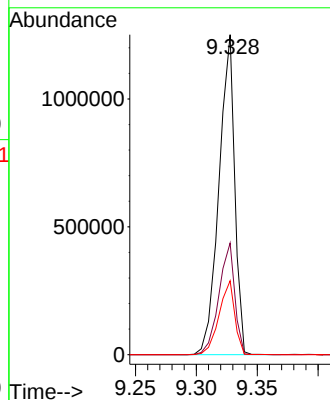
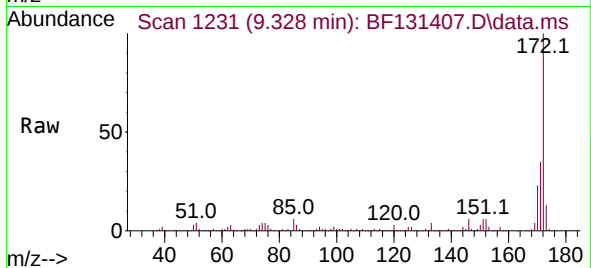
Tgt Ion:172 Resp: 1128330

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.1 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.464 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.212 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

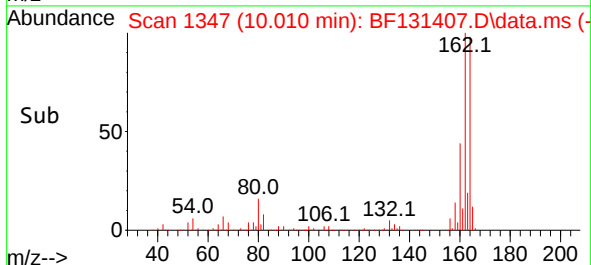
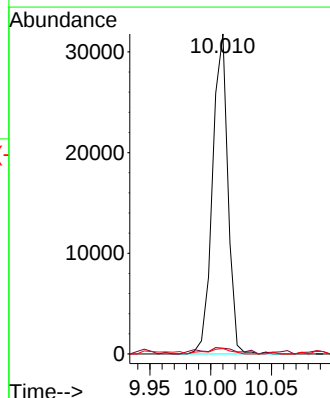
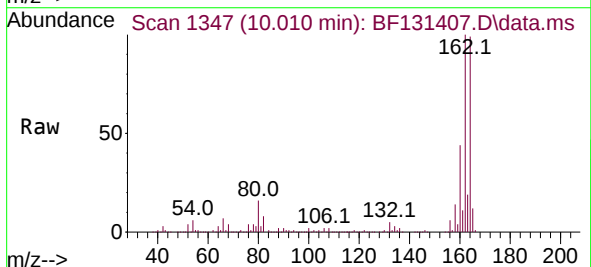
Tgt Ion:165 Resp: 28012

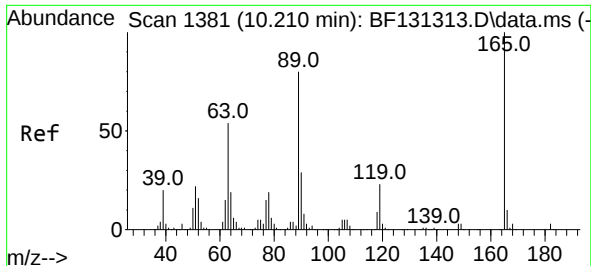
Ion Ratio Lower Upper

165 100

63 1.8 62.0 93.0#

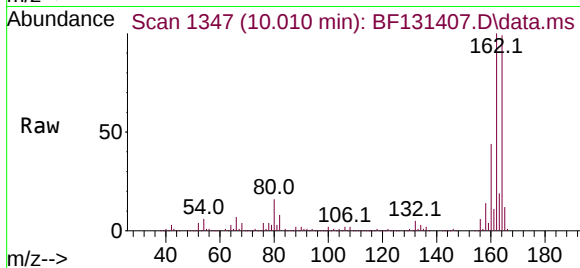
89 1.7 54.4 81.6#



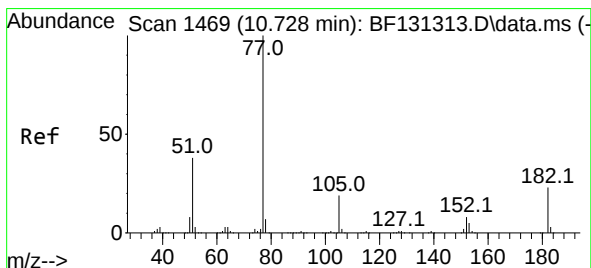
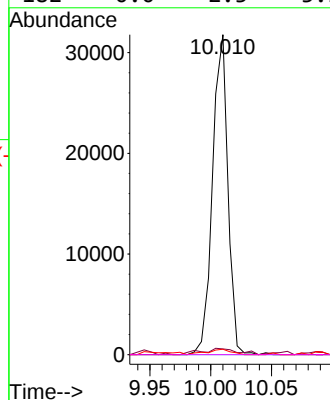
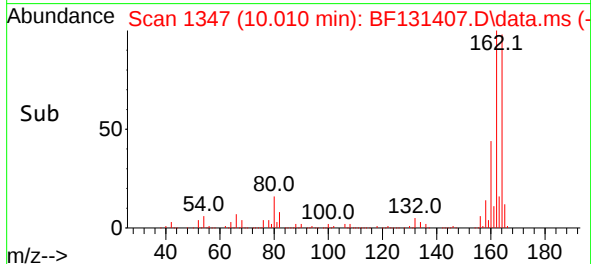


#57
2,4-Dinitrotoluene
Concen: 7.521 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

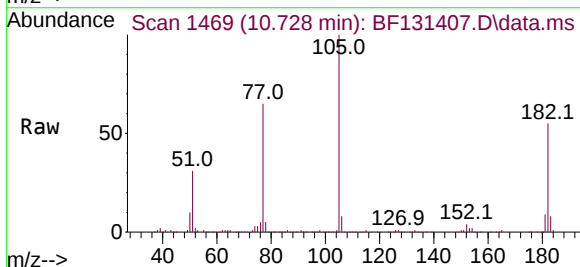
Instrument :
BNA_F
ClientSampleId :



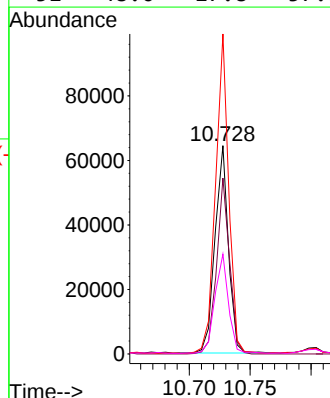
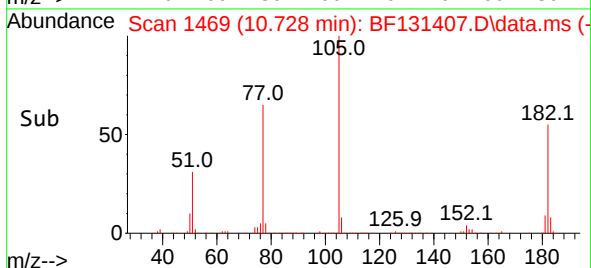
Tgt Ion:165 Resp: 28012
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.2#
89 1.7 64.0 96.0#
182 0.0 2.3 3.5#

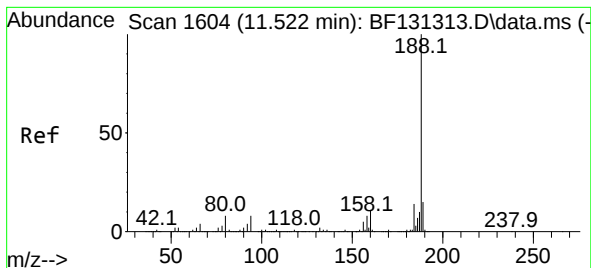


#63
Azobenzene
Concen: 3.306 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22



Tgt Ion: 77 Resp: 49679
Ion Ratio Lower Upper
77 100
182 84.5 3.1 43.1#
105 153.6 0.0 39.2#
51 48.0 17.8 57.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

Instrument :

BNA_F

ClientSampleId :

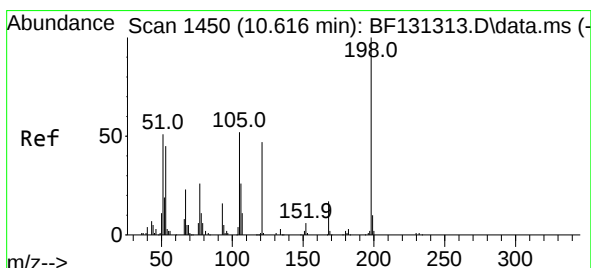
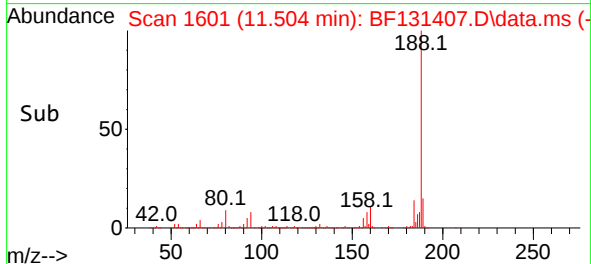
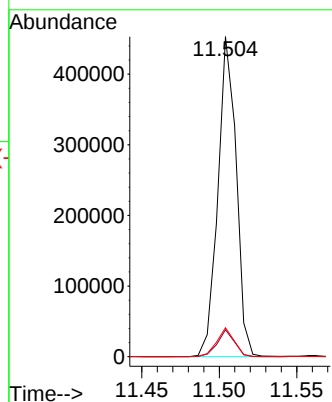
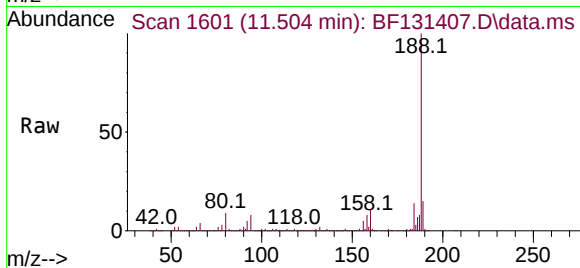
Tgt Ion:188 Resp: 372318

Ion Ratio Lower Upper

188 100

94 8.4 6.3 9.5

80 9.1 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.113 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.188 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

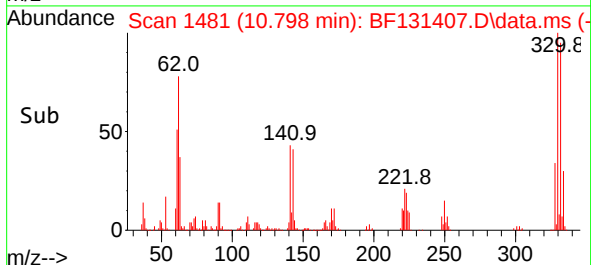
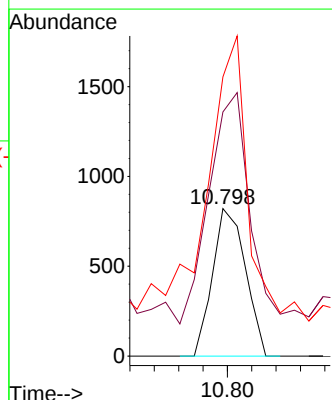
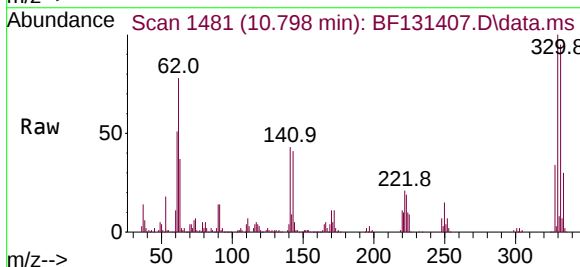
Tgt Ion:198 Resp: 769

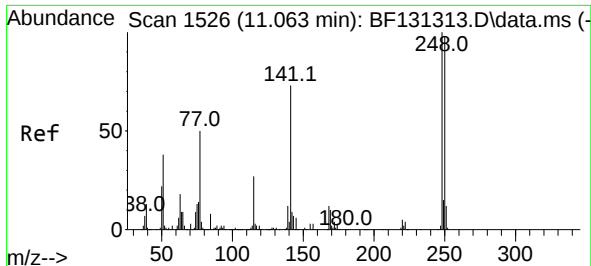
Ion Ratio Lower Upper

198 100

51 165.5 50.1 90.1#

105 189.3 32.5 72.5#

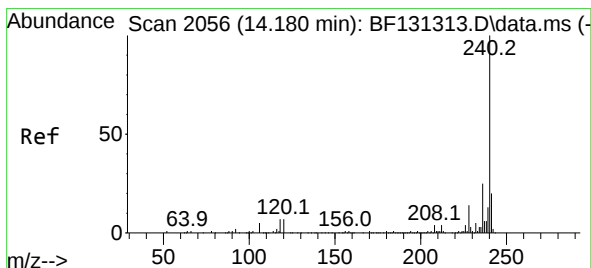
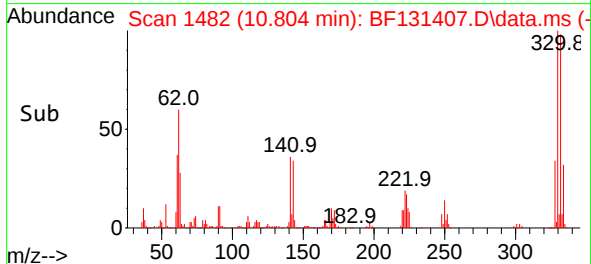
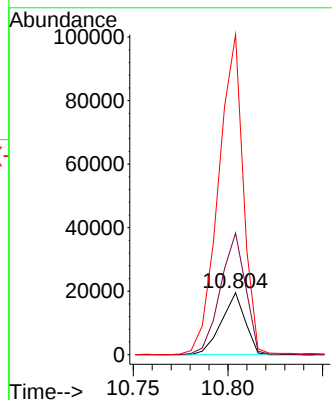
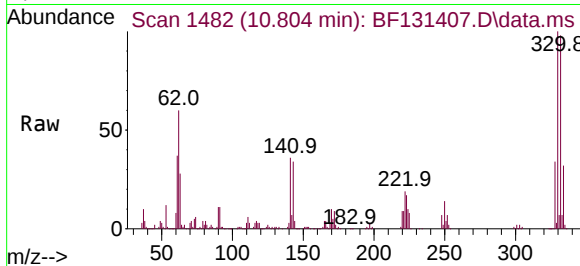




#67
4-Bromophenyl-phenylether
Concen: 3.726 ng
RT: 10.804 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

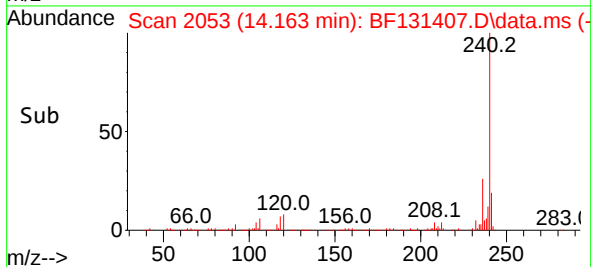
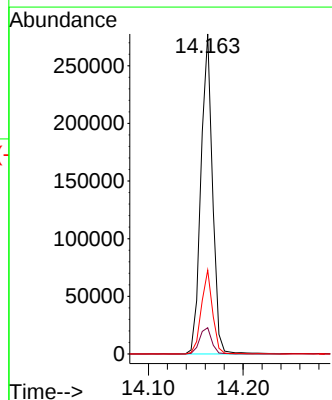
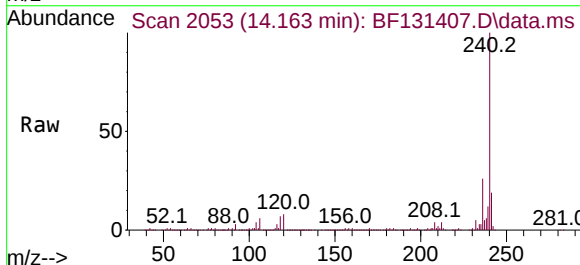
Instrument :
BNA_F
ClientSampleId :

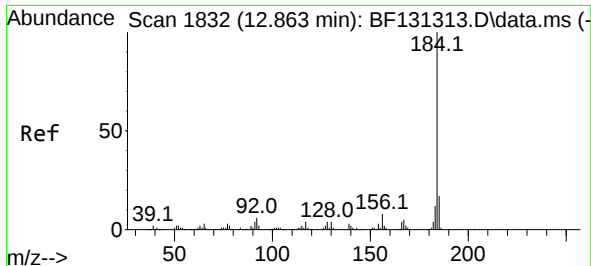
Tgt Ion:248 Resp: 17002
Ion Ratio Lower Upper
248 100
250 196.6 78.3 117.5#
141 517.1 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

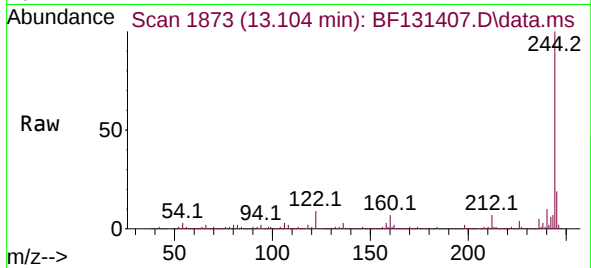
Tgt Ion:240 Resp: 237151
Ion Ratio Lower Upper
240 100
120 8.2 5.8 8.8
236 26.2 20.3 30.5



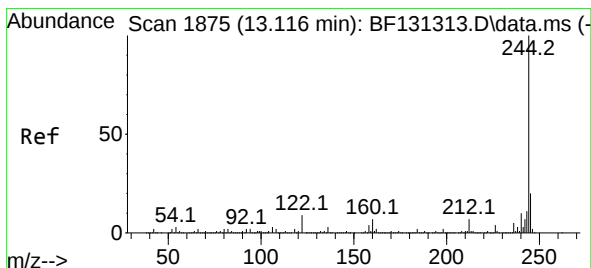
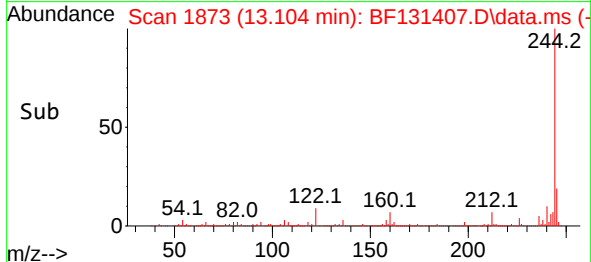
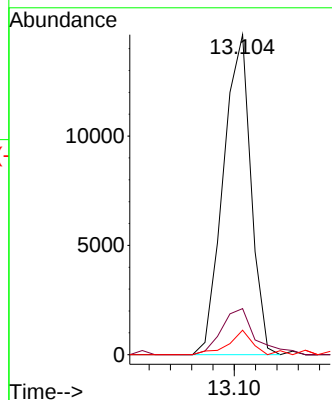


#77
Benzidine
Concen: 3.008 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.247 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Instrument :
BNA_F
ClientSampleId :

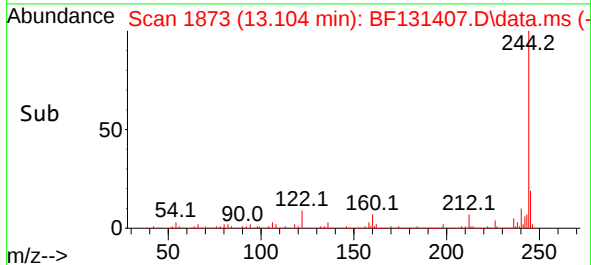
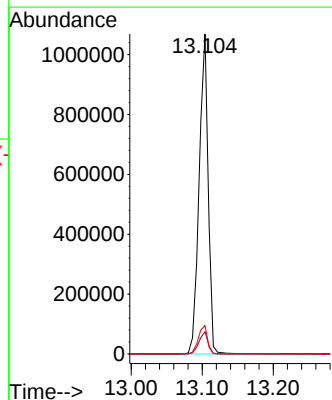
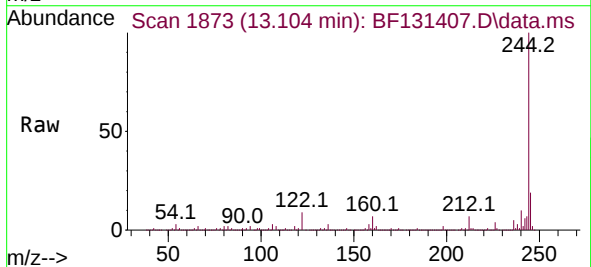


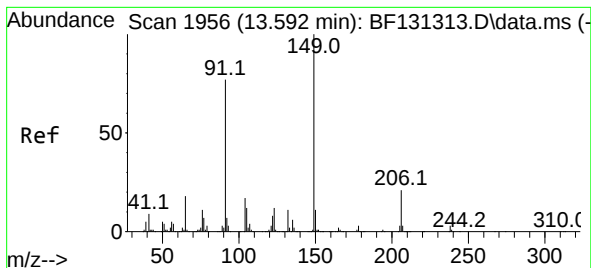
Tgt Ion:184 Resp: 13178
Ion Ratio Lower Upper
184 100
185 14.4 13.8 20.8
183 7.7 9.6 14.4#



#79
Terphenyl-d14
Concen: 65.385 ng
RT: 13.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Tgt Ion:244 Resp: 948228
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.9 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.224 ng

RT: 13.569 min Scan# 1956

Delta R.T. -0.017 min

Lab File: BF131407.D

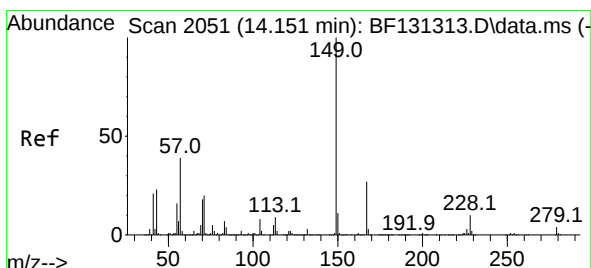
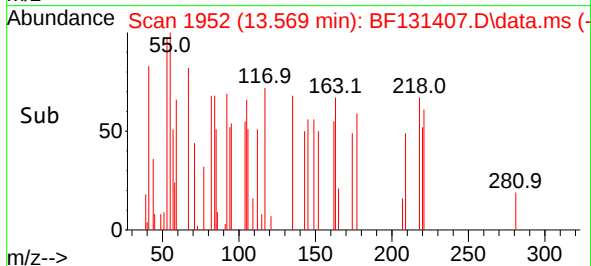
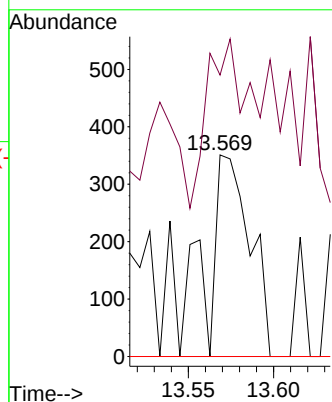
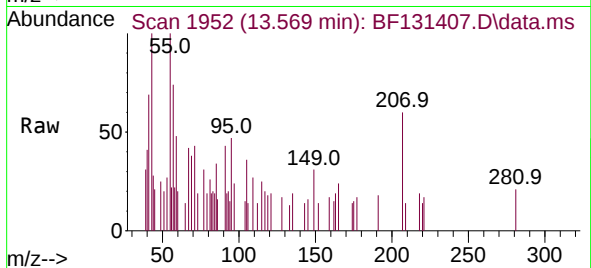
Acq: 25 Nov 2022 21:22

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	621
Ion	Ratio	Lower	Upper
149	100		
91	139.6	61.9	92.9#
206	0.0	16.5	24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.160 ng

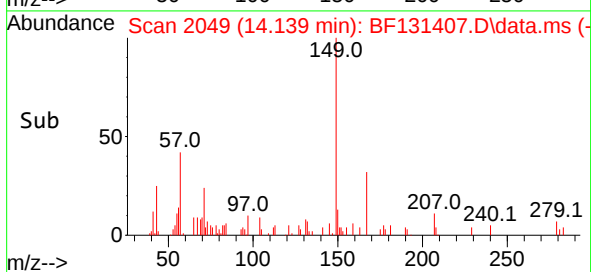
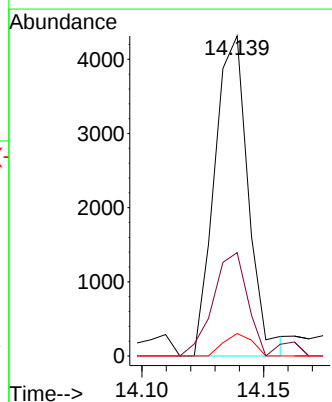
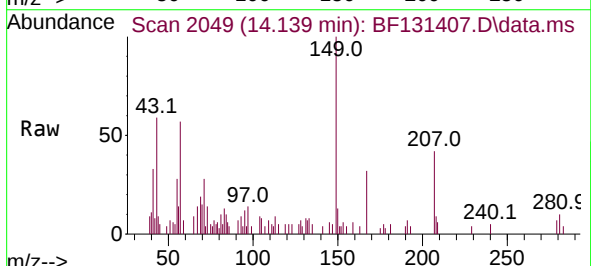
RT: 14.139 min Scan# 2049

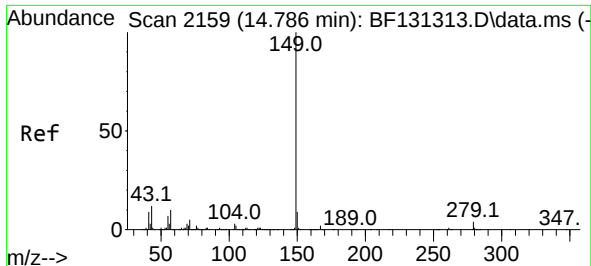
Delta R.T. -0.006 min

Lab File: BF131407.D

Acq: 25 Nov 2022 21:22

Tgt Ion:	149	Resp:	4162
Ion	Ratio	Lower	Upper
149	100		
167	32.3	21.9	32.9
279	7.0	3.0	4.4#

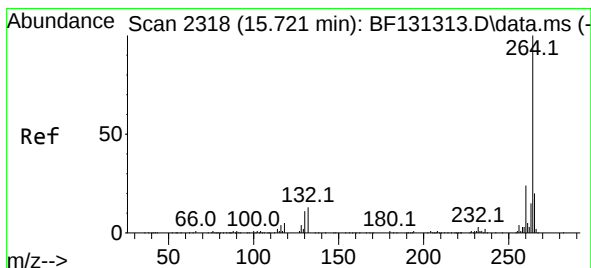
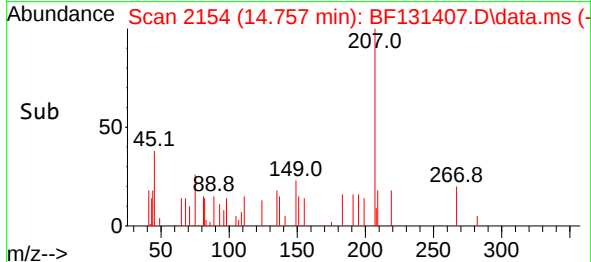
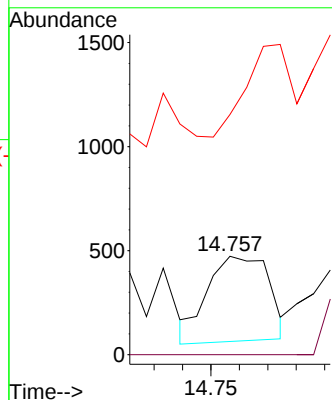
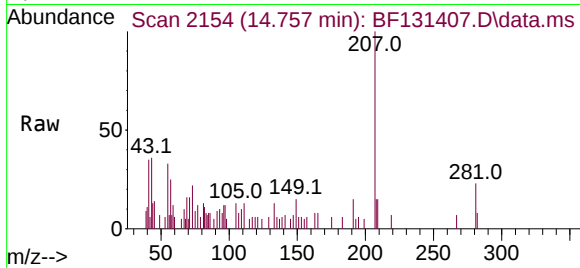




#85
Di-n-octyl phthalate
Concen: 3.954 ng
RT: 14.757 min Scan# 2159
Delta R.T. -0.017 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 613
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 111.6 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 2314
Delta R.T. -0.012 min
Lab File: BF131407.D
Acq: 25 Nov 2022 21:22

Tgt Ion:264 Resp: 206316
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 21.0 16.4 24.6

